| PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001  10/01 99 49                      |             |  |                        |                                |              |                  |           |                      |                        |           |                            | 4.9                    |
|---|-------------|--|------------------------|--------------------------------|--------------|------------------|-----------|----------------------|------------------------|-----------|----------------------------|------------------------|
| CLAIMS AS FILED - PART I (Cotumn 1) (Cotumn 2)  |             |  |                        |                                |              |                  |           | SMALL ENTITY TYPE OR |                        |           | OTHER THAN<br>SMALL ENTITY |                        |
| TOTAL CLAIMS  |             |  |                        |                                |              |                  | 1         | PATE                 | FEE                    | 1         | RATE                       | FEE                    |
| R   | )R          | NUMBE                                  | NUMBER FILED           |                                | NUMBER EXTRA |                  | BASIC FEI |                      | OR                     | BASIC FEE | 890                        |                        |
| $\pi$   | TAL CHARGE  | 48 /7 m                                | /7 minus 20=           |                                | •            |                  | X\$ 9=    |                      | OR                     | X\$18=    |                            |                        |
| ENE   | EPENDENT C  | 12                                     | 2 minus 3 =            |                                |              |                  | X42-      |                      | OR                     | X84=      |                            |                        |
| MI  | JUMPLE DEPE | NDENT CLA                              | IM PRESENT             | RESENT                         |              |                  |           | +140=                |                        |           | +280=                      | 287                    |
| *If the difference in column 1 is less than zero, enter "0" in column                                   |             |  |                        |                                |              | oolumn 2         |           | TOTAL                | -                      | OR        |                            | 080<br>1170            |
| / / CLAIMS AS AMENDED - PART II   |             |  |                        |                                |              |                  |           | IUIAL                | ب_                     | OR        | TOTAL                      | <del></del>            |
|   | 21115       | (Column                                | 10                     | (Column 2)                     |              |                  |           | SMALL                | ENTITY                 | OR        | SMALL                      |                        |
| ENTA  |             | REMAINI<br>AFTER<br>AMENDAS            | NG.                    | HEGH<br>NUM<br>PREVIO<br>PAID  | BER          | PRESENT<br>EXTRA |           | RATE                 | ADDI-<br>TIONAL<br>FEE |           | RATE                       | ADDI-<br>TIONAL<br>FEE |
| AMENDMENT A   | Total       | ./3                                    | Mirrus                 | -2                             | 0            | •/               |           | X\$ 9=               |                        | OR        | X\$18=                     |                        |
|   | Independent | -2                                     | Mirus                  | P                              |              | 1                |           | X42=                 |                        | ÓR        | X84=                       |                        |
|   | PINST PRESE | MINIONO                                | F MULTIPLE DE          | PENDENT                        | CLAIM        |                  | ,         | +140=.               |                        | OR        | +280-                      |                        |
|   |             |  |                        |                                |              |                  |           | TOTAL                |                        | OR-       | TOTAL                      |                        |
|   |             | (Column                                |                        | (Colum                         |              | (Column 8)       | - 1       | VDOIT. FEE!          |                        |           | ADOIT, PEE                 |                        |
| AMENDMENT 8   |             | CLAMA<br>REMAINS<br>AFTER<br>AMENDME   | 43                     | HIGH<br>NUM<br>PREVIO<br>PAJO  | BER          | PRESENT<br>EXTRA |           | RATE                 | ADDI-<br>TIONAL<br>FEE |           | RATE                       | ADDI-<br>TIONAL<br>FEE |
|   | Total       | . 13                                   | Minus                  | - 0                            | 20           | • -              | П         | X\$ 9= '             |                        | OR        | X\$18=                     |                        |
|   | Endependent | · 2                                    | Minus<br>SMIRTING E OF | DEMOCAL                        | 3            | 100              | П         | X42-                 |                        | QR        | X84=                       |                        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  |             |  |                        |                                |              |                  |           | +140=                |                        | OR        | +280=                      |                        |
|   |             |  |                        |                                |              |                  | _         | TOTAL<br>DOIT FEE    |                        | OR        | TOTAL<br>ADOIT, FEE        |                        |
|   |             | (Column                                |                        | (Colum                         |              | (Column 3)       |           | •                    |                        |           |                            |                        |
| AMENDMENT C   |             | REMAINS<br>REMAINS<br>AFTER<br>AMENDME | tG .                   | HIGH<br>NUMI<br>PREVIO<br>PAID | BER          | PRESENT<br>EXTRA |           | RATE                 | ADDI-<br>TIONAL<br>FEE |           | RATE                       | ADDI-<br>TRONAL<br>FEE |
|   | Total       | • 1                                    | Minus                  | -2                             | 0            | •                |           | X\$ 9a               |                        | OR        | X\$18=                     |                        |
|   | Independent | • 7                                    | Minus                  | <u> </u>                       | 3            | •                | lt        | X42=                 |                        |           | X84=                       |                        |
| Ľ   | FIRST PRESE | 1                                      |                        |                                | OR           |                  |           |                      |                        |           |                            |                        |
| * If the entiry in column 1 to less than the entiry in column 2, write "0" to column 3.                 |             |  |                        |                                |              |                  |           |                      |                        |           | +280=                      |                        |
| "If the "Highest Number Proviously Paid For" IN THES SPACE is less than 20, enter "20."  ADDIT. FEE  OR |             |  |                        |                                |              |                  |           |                      |                        | OR ,      | TOTAL<br>LODIT, FEE        |                        |
|   |             |  | y Paid For (Total      |                                |              |                  | r four    | nd to the app        | ropriate box           | in cot    | yran 1.                    |                        |

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Dociost Number